| Ind | ex of | Claim | S |
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| <b>Applicat</b> | ion/Con | trol | Ñο. |
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|                 |         |      |     |

Albert J. Gagliardi

Applicant(s)/Patent under Reexamination

10/765,116

EVANS, ROLLIN M.
Art Unit

Examiner

2884

√ Rejected
= Allowed

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| _ | Interference |

| Α | Appeal   |
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| o | Objected |

| Cla      | im   | Date                                  |              |  |          |              |  |              |              |  |
|----------|--|---------------------------------------|--------------|--|----------|--------------|--|--------------|--------------|--|
|          | 1  |                                       |              |  |          | <u> </u>     | $\overline{}$                                    |              |              | $\dashv$   |
| Final    | Original                                     | 4/2/06                                |              |  |          |              | ٠  |              |              |  |
|          | 1  |                                       |              |  |          |              |  |              |              |  |
|          | 1<br>2<br>3<br>4<br>5                        |                                       |              |  |          |              |  |              |              |  |
|          | 3  |                                       |              |  |          |              |  |              |              |  |
|          | 4  |                                       |              | ٠  |          |              |  |              |              |  |
|          | 5  | Ш                                     |              |  |          |              |  |              |              |  |
|          | 6  |                                       |              |  |          |              |  |              |              |  |
|          | 6<br>7<br>8                                  |                                       |              |  |          | _            |  |              |              |  |
|          | 8  | _                                     |              | _  | _        | _            |  |              |              | -  |
|          | 9  |                                       | _            |  |          | -            |  | Н            |              | $\dashv$   |
|          | 10   |                                       |              |  | _        |              |  | Н            | $\vdash$     | $\dashv$   |
|          | 12   |                                       |              | $\vdash$   |          | H            | _  |              |              | $\dashv$   |
| ļ        | 13   | -                                     | Н            | $\vdash$   | _        |              | $\dashv$   | $\vdash$     | $\vdash$     | $\dashv$   |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |                                       |              | $\vdash$   |          |              | $\vdash$   | $\vdash$     | Н            | $\vdash$   |
|          | 15   |                                       |              |  |          |              |  | $\vdash$     |              | $\dashv$   |
|          | 16   |                                       |              |  |          |              |  |              |              |  |
|          | 17   |                                       |              |  |          |              |  |              |              |  |
|          | 18   |                                       |              |  |          |              |  |              |              |  |
|          | 19   |                                       |              |  |          |              |  |              |              |  |
|          | 20   | 1                                     |              |  |          |              |  |              |              |  |
|          | 20<br>21<br>22                               | 1                                     |              |  |          |              |  |              |              |  |
|          | 22   | 1                                     |              | <u></u>  |          | <u> </u>     |  |              |              |  |
|          | 23<br>24<br>25                               | 1                                     |              | <u> </u>   | _        | _            |  | $oxed{oxed}$ |              |  |
|          | 24   | 1                                     |              |  | _        | <u> </u>     |  | ldash        |              | _  |
| <u> </u> | 25   | 1                                     |              | <u> </u>   | <u> </u> | <u> </u>     | _  |              |              |  |
|          | 26<br>27                                     | V                                     |              | _  | _        | <u> </u>     | _  | $\vdash$     |              | _  |
| <u> </u> | 27   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | _            | <u> </u>   | -        | -            |  | $\vdash$     |              |  |
| <u> </u> | 28<br>29<br>30                               | 7                                     | -            |  | $\vdash$ | -            | -  |              |              |  |
| _        | 30   | J                                     | _            | -  | $\vdash$ | -            |  |              | -            | -  |
|          | 31   | 1                                     |              | -  | ┢        | -            |  | -            |              | _  |
| -        | 31<br>32<br>33                               |                                       | Н            | <del>                                     </del> | -        | $\vdash$     |  |              | $\vdash$     | Н  |
|          | 33   | V                                     |              | Т  |          |              |  | П            | -            |  |
|          | 34   | 1                                     |              |  | Г        | Г            | П  |              |              |  |
|          | 34<br>35                                     | √                                     |              |  |          |              |  |              |              |  |
|          | 36   | 4                                     |              |  |          |              |  |              |              |  |
|          | 37   | 1                                     |              |  |          |              |  |              |              |  |
|          | 38   | 1                                     | Ľ            |  | Ĺ        |              |  |              | Ē            | $\Box$   |
|          | 39   | 1                                     | L            | <u> </u>   | <u> </u> | <u> </u>     | _  |              | L            |  |
| <u> </u> | 40   | 1                                     | <u> </u>     | <u> </u>   | <u> </u> | _            | _  | _            | <u> </u>     | <u> </u>   |
|          | 41   | 1                                     | L            | <del>                                     </del> | <u> </u> | -            |  | <u> </u>     | <u> </u>     | $\vdash$   |
| <u> </u> | 42   | 1                                     | <u> </u>     | <del>  -</del>                                   | <u> </u> | ├-           | -  | H            | -            | -  |
|          | 43   |                                       | <u> </u>     | ⊢  | $\vdash$ | ├-           | $\vdash$   | -            | $\vdash$     | $\vdash$   |
| <u> </u> | 44<br>45                                     | 1                                     | ├—           | $\vdash$   | ⊢        | <del> </del> | $\vdash$   | ├            | <del> </del> | <del> </del>                                     |
| <u> </u> | 45   | 1                                     | $\vdash$     | -  | -        | -            | -  | $\vdash$     | -            | <del>                                     </del> |
|          | 47   | 1                                     | -            | -  | $\vdash$ | $\vdash$     | $\vdash$   | ├            | <del> </del> | -  |
|          | 48   | Ť                                     | $\vdash$     | -  | -        | -            | $\vdash$   | $\vdash$     | -            | $\vdash$   |
| _        | 49   | o                                     | <del> </del> |  | $\vdash$ | -            | $\vdash$   | <del> </del> | $\vdash$     | Н  |
| $\vdash$ | 50   | 0                                     | -            | $\vdash$   | $\vdash$ | $\vdash$     | <del>                                     </del> | $\vdash$     | $\vdash$     | H  |
|          | ,  | . –                                   |              |  | •        | ı            |  | 1            |              |  |

| Cla          | Date                             |              |          |          |          |          |          |          |          |  |
|--------------|----------------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|--|
| Final        | Original                         | 4/2/06       |          |          |          |          |          |          |          |  |
|              |                                  | 4            |          |          |          |          |          |          |          |  |
|              | 51                               | 0            |          |          |          |          |          |          |          |  |
|              | 52                               | 0            |          |          |          |          |          |          |          |  |
|              | 51<br>52<br>53                   | 1            |          |          |          |          |          |          |          |  |
|              | 54<br>55                         | 1            |          |          |          |          |          |          |          |  |
|              | 55                               | 1            |          |          |          |          |          |          |          | _  |
|              | 56                               | 1            |          |          |          |          |          |          |          |  |
|              | 57<br>58                         | 1            |          |          |          |          |          |          |          | _  |
|              | 58                               | 0777777777   |          |          |          |          | Щ        |          |          |  |
| · ·          | 59                               | 7            |          | _        |          |          | -        |          | _        |  |
|              | 60                               | 7            | _        | _        | -        |          |          |          |          | H  |
|              | 61                               | 7            |          | -        | _        |          | -        |          | _        | _  |
|              | 62                               | V            | $\vdash$ | $\vdash$ |          |          | $\vdash$ | $\vdash$ | Н        | -  |
| <del> </del> | 63<br>64<br>65                   | 7            | -        | $\vdash$ |          |          | _        |          |          | $\vdash$   |
| <u> </u>     | 65                               | 1            |          |          |          | _        | -        | -        |          | -  |
| -            | 66                               | 0            | $\vdash$ |          |          |          | -        |          |          | -  |
| ├            | 67                               | 6            | $\vdash$ | _        | -        |          |          | -        |          | -  |
|              | 68                               | ľ            | -        | -        |          |          |          |          | _        | <del>                                     </del> |
|              | 68<br>69                         | H            |          |          |          |          |          |          |          | $\vdash$   |
| _            | 70                               | ┢            |          | _        | $\vdash$ | _        |          |          | ┝        | ┢  |
| <b></b>      | 71                               | $\vdash$     | _        |          |          |          |          | -        |          |  |
|              | 72                               |              |          | _        |          |          |          |          |          |  |
|              | 70<br>71<br>72<br>73             | Г            |          |          |          |          |          |          |          |  |
|              | 74                               | Γ            |          |          |          |          |          |          |          |  |
|              | 74<br>75<br>76<br>77<br>78<br>79 |              |          |          |          |          |          |          |          |  |
|              | 76                               |              |          |          |          |          |          |          |          |  |
|              | 77                               | _            | L        |          |          | L        | L        |          | _        |  |
|              | 78                               | _            | _        | _        |          |          |          |          | _        | _  |
|              | 79                               |              | <u> </u> | Щ        |          |          | _        |          | _        | _  |
| <u> </u>     | 80                               |              | <u> </u> | L        |          |          | _        |          | _        | <u> </u>   |
|              | 81                               | <u> </u>     | <u> </u> | L        | _        | _        | $\vdash$ | <u> </u> | ļ        | <del> </del>                                     |
| <u> </u>     | 82<br>83                         | <u> </u>     | <u> </u> | _        |          | ⊢        | -        | ⊢        | -        | ├  |
| }            | 84                               | -            |          | H        |          | -        |          | -        | ├        | ├-   |
| $\vdash$     | 85                               |              | $\vdash$ | ├  |
| -            | 85<br>86                         | ┢            | ├        | $\vdash$ | -        | $\vdash$ | ⊢        | ┝        | ┝        | ⊢  |
|              | 87                               | H            | $\vdash$ | $\vdash$ | -        | $\vdash$ | -        | 1        | $\vdash$ |  |
|              | 87<br>88                         | $\vdash$     |          | $\vdash$ |          | $\vdash$ | $\vdash$ |          | $\vdash$ | Ι  |
|              | 89                               | Г            |          | T        |          | $\vdash$ | Г        |          |          |  |
|              | 90                               | Π            |          | Γ        | Г        |          |          |          | Γ        | Г  |
|              | 91                               | Г            |          | Г        |          |          |          |          |          |  |
|              | 92                               |              | L        |          |          |          |          |          |          |  |
|              | 93                               |              |          |          |          |          |          |          |          |  |
|              | 94                               |              |          |          |          |          |          |          |          |  |
|              | 95                               |              |          | 匚        | L        | oxdot    | 匚        | L        |          | L  |
| <u></u>      | 96                               | <u></u>      | <u>_</u> | <u>_</u> | <u> </u> | L        | _        | <u> </u> | <u> </u> | <u> </u>   |
|              | 97                               | <u> </u>     | 匚        | L_       | <u> </u> | <u> </u> |          | <u> </u> | L        | L  |
|              | 98                               | $oxed{oxed}$ |          | Ш.       | <u> </u> | L        | L.       | _        | <u> </u> | L  |
|              | 99                               |              |          | L        |          |          | L        |          |          | L  |

| Cla          | aim   | Date   |          |  |          |          |          |                                     |  |                |
|--------------|---|--|----------|--|----------|----------|----------|-------------------------------------|--|----------------|
|              |   |  |          |  | ΤĪ       |          |          |                                     |  | -              |
| Final        | Original  |  |          |  |          |          |          |                                     |  |                |
|              | 101<br>102<br>103<br>104<br>105<br>106  |  |          |  |          |          |          |                                     |  |                |
|              | 102   |  |          |  |          |          |          |                                     |  | $\perp$        |
|              | 103   | -  |          |  |          |          |          |                                     |  | _              |
|              | 104   | _  | _        |  |          | _        |          |                                     |  | _              |
|              | 105   |  | _        |  |          |          |          | _                                   | _  | 괵              |
|              | 106   |  |          | _  |          |          |          | -                                   |  | $\dashv$       |
|              | 107   |  |          | _  | _        |          |          | $\dashv$                            | _  | ᅴ              |
|              | 108<br>109<br>110   |  | _        |  |          |          |          | -                                   |  | $\dashv$       |
|              | 110   | _  |          | _  | _        |          |          |                                     |  | $\dashv$       |
|              | 111   |  |          |  |          |          |          |                                     |  | $\exists$      |
|              | 112   |  |          |  | $\Box$   | $\neg$   |          |                                     |  | $\dashv$       |
|              | 113   |  |          |  |          |          |          |                                     |  |                |
|              | 111<br>112<br>113<br>114<br>115<br>116<br>117   |  |          | П  |          |          |          |                                     |  |                |
|              | 115   |  |          |  |          |          | ·        |                                     |  |                |
|              | 116   |  |          |  |          |          |          |                                     |  |                |
|              | 117   |  |          |  |          |          |          |                                     | Ш  | $\Box$         |
|              | 118   |  |          |  |          |          |          |                                     |  | $\Box$         |
|              | 119   |  |          | _  |          |          |          | Щ                                   | _  | Щ              |
|              | 120   | Ь.   |          | <u> </u>   | _        |          | _        | $\vdash$                            | $\sqcup$   | Щ              |
|              | 121   |  |          | -  |          | <u> </u> |          | $\vdash$                            | _  | $\vdash\vdash$ |
|              | 122   | Н  | _        | -  | _        | _        |          | H                                   | $\vdash$   | $\vdash$       |
| <del> </del> | 123   | $\vdash$   | _        |  | H        | -        | -        | H                                   | H  | $\vdash$       |
|              | 125   |  | <u> </u> | ├─   | -        | $\vdash$ | Η.       | H                                   | $\vdash$   | $\vdash$       |
|              | 126   | $\vdash$   | -        | ┝  |          | $\vdash$ | -        | H                                   | $\vdash$   | $\vdash$       |
|              | 127   | $\vdash$   |          | $\vdash$   | Н        | П        | -        | П                                   | П  | Н              |
|              | 128   |  |          | Т  | _        | Т        | _        |                                     |  |                |
| <b>—</b>     | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 |  |          |  |          |          |          |                                     |  |                |
|              | 130   |  |          |  |          |          |          |                                     |  |                |
|              | 131   |  |          |  |          |          |          |                                     |  |                |
|              | 132   |  |          |  |          |          |          |                                     |  |                |
|              | 133   |  |          |  | $\Box$   |          |          |                                     | L  | Ш              |
| <u> </u>     | 134   | _  |          | L  | <u> </u> | <u> </u> | L        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | Ш              |
| <u> </u>     | 135<br>136  |  |          | <u> </u>   | $\vdash$ | $\vdash$ | _        | $\vdash$                            |  | Ш              |
| <u> </u>     | 136   | _  |          | $\vdash$   | <u> </u> | <b> </b> | <u> </u> | L                                   | <u> </u>   | Н              |
| <u> </u>     | 137   | _  | _        | <u> </u>   | <u> </u> | H        | <u> </u> | -                                   | <u> </u>   | Н              |
| <del> </del> | 138<br>139  |  | -        | <del> </del>                                     | $\vdash$ | $\vdash$ |          | $\vdash$                            | -  | $\vdash$       |
| <del></del>  | 140   | <del>                                     </del> | <u> </u> | $\vdash$   | ⊢        | -        | -        | $\vdash$                            | -  | Н              |
| <del> </del> | 141   |  | -        | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                            | ├-   | Н              |
|              | 142   | -  | -        | $\vdash$   | $\vdash$ | ┢        | $\vdash$ | $\vdash$                            | Η-   | Н              |
| $\vdash$     | 143   | $\vdash$   | $\vdash$ | <del>                                     </del> | ┢        | $\vdash$ | $\vdash$ | $\vdash$                            | ┢═   | H              |
| $\vdash$     | 144   | Т  | Н        | $\vdash$   |          | $\vdash$ | $\vdash$ | Г                                   | $\vdash$   | $\vdash$       |
|              | 145   | Т  | $\vdash$ |  | T        | $\vdash$ | $\vdash$ |                                     | <del>                                     </del> |                |
| <u> </u>     | 146   | Г  |          |  |          |          |          |                                     |  |                |
|              | 147   |  |          |  |          |          |          |                                     |  |                |
|              | 148   |  |          |  |          |          |          |                                     |  |                |
|              | 149   |  |          |  |          |          |          |                                     |  |                |
|              | 150   |  |          |  |          |          | Ī        |                                     |  |                |